

THE TECH

VOL. XXXI. NO. 140

BOSTON, MASS., THURSDAY, APRIL 4, 1912

PRICE TWO CENTS

E. E. SOCIETY MEETING IN UNION TONIGHT

**Good Dinner and Many Surprises
Are Promised—Mr. Brush
Will Speak.**

At 6.45 this evening the Electrical Engineering Society will give a dinner in the Union. Mr. Matthew C. Brush, '01, who is the second vice-president of the Boston Elevated Railway Company, will speak on the "Relation of the Young Men to the Business World." The dinner will be followed by a short business meeting, at which a committee to take charge of the coming election will be chosen.

Since his graduation from the Institute, in 1901, Mr. Brush has been connected with the management of electric railways and has had much experience in the economic side of the electrical engineering profession. Besides being very entertaining, his talk will be sure to include some valuable pointers in regard to the future work of the men. A fine dinner has been arranged by the committee, and in addition there will be several surprises which are not to be divulged until tonight.

The election committee to be chosen at this time is to consist of five men who will receive nominations and attend to the printing of the ballots and other matters. The election of the officers for the coming year will be held in at least two weeks.

The Masonic dinner will occur at the same time, and this is rather unfortunate, as many men are members of both societies.

SPRING CONCERT.

**Best Reserved Seats Nearly All
Sold Out.**

Seats for the annual Spring concert of the combined Musical Clubs have been on sale at the Union for the last two or three days, and the tickets have gone with a rush. Those who have not yet secured seats are urged to do so at once, as there are very few left.

The management is putting forth every effort to make this the best concert ever held, and more attention than ever before is being paid to the dance which follows. The dance orders are to be more costly than those used heretofore, so that they may serve as suitable souvenirs, and the decorations will be prettier than in the past. The orchestra which furnishes the music will be the best in Boston.

TALK ON GREEK DRAMA.

The second in the final course of Lowell lectures was given yesterday afternoon by Gilbert Murray of Oxford, England, on "The Messenger in Greek Drama."

Mr. Murray is one of the most prominent authorities on Greek drama and has made many important translations, some of which he quoted during his lecture, and which were received with enthusiasm.

The third and last lecture will take place Friday afternoon, in Huntington Hall, at 5 o'clock.

At the University of Illinois the undergraduates are going to produce a play called the "Dad of the Undergrad."

COMBINED SOCIETIES HEAR GOOD TALK

**Mr. James Nelson of New York
Lectures on "Hydraulic
Machinery."**

The combined Civil and Mechanical Engineering Societies listened yesterday afternoon to one of the most interesting talks that has ever been given before either societies on "High Pressure Hydraulic Machinery" by Mr. James Nelson of New York.

Mr. Nelson is one of the prominent men in his profession and eminently well fitted to discuss his subject. He is a man of wide experience and has accomplished much for engineering. He considered many of the more important types of hydraulic machinery and gave lucid explanations of each, which, supplemented by lantern slides, made the lecture much more valuable to the men.

He first spoke of the enormous pressures that can be obtained with this sort of machine, and mentioned the various ways in which the highest are made. Then he discussed the methods of packing and the importance of friction in several types.

Lantern slides of great interest were used to show the general advance in hydraulic presses of all kinds, from the most simple to the most complicated and those today recognized as the finest. The second set of pictures illustrated several types of hydraulic jacks, and indicated their construction. These jacks, Mr. Nelson stated, have proved one of the most important pieces of mechanism in railroad engineering and in the construction of the more recent subways.

The last set of slides showed some excellent pictures of the excavations and locks at Panama. Several were taken from the same points of view and at different stages in the work so that the progress could be seen to good advantage. Perhaps the most interesting of this set were some very recent photographs which Mr. Nelson had just received from Washington, of the lock-gates in course of construction.

The lecture was brought to an early close as Mr. Nelson left with the party of Civils for New York at 6 o'clock.

WOLLASTON LINKS.

**Golf Club Members Will Begin
Playing This Week.**

At the meeting of the Golf Club, yesterday afternoon, the members decided to accept the Wollaston Club offer of fifty cents a man for each day's play on the links, although this offer does not include Saturdays or Sundays. The other offers made by the club are: \$75 for any number of players up to twenty for the rest of the season, and five dollars a member for the season.

As most of the members do not expect to use the links more than ten times, they are in favor of the fifty-cent rate. Nevertheless, Secretary Roberts will try to secure special five-dollar rates for the two or three members who expect to use the links several times a week. All players who have not yet handed their names to the secretary are to do so as soon as possible, as it is the intention of the club to begin playing this week.

DEAN BURTON SPEAKS IN THE UNION TODAY

**During the Meeting Plans For
the Social Service Dinner
Will Be Announced.**

The Technology Christian Association has been fortunate in securing Dean A. E. Burton to give the address today. The Dean has chosen as his subject "The Place that the T. C. A. Fills in Technology."

Professor Burton is probably better qualified to speak upon this subject than is any other man. Throughout his long stay at the Institute he has taken an active interest in all the affairs of the Christian Association, and has helped greatly in bringing the T. C. A. into the prominence in which it now stands.

The Thursday meeting will offer a splendid opportunity for any man to become acquainted with the great amount of good that the T. C. A. is doing in the Institute.

Beside Dean Burton's talk the plans for the Social Service dinner tomorrow night will be explained.

NEW JERSEY MEETING.

**Enough Information at Hand to
Warrant Positive Steps.**

The New Jersey men at the Institute will hold a second meeting this afternoon at 5 o'clock, in 11 Engineering B. Those who are back of the movement for the formation of a New Jersey State club have attempted to get in touch with all the men, and hope to have as large a percentage present at the meeting as is possible. They have asked those who cannot attend to communicate with them before this afternoon and give their views concerning the proposed plan.

These arrangements have been made so that at this meeting the general feeling of the New Jersey body may be known and such information be at hand that those present can decide positively just what steps to take.

CIVILS HAVE STARTED.

**Thirty-four Men Left Last Night
For New York.**

Quietly and unobtrusively the Civils left for New York last night. They had a car reserved for them at the end of the 6 o'clock train for Fall River, and the thirty men had plenty of room. Some of the party went at 5 o'clock, and waited at Fall River for the rest of the party.

The lecturer of yesterday afternoon, Mr. J. W. Nelson, is making the trip with the Civils. Each man is expected, on his return from New York, to write a complete report of the trip for Professor Spofford. These reports may be sent to the English Department for criticism.

The Boston subway system will rank with that of any city in the United States when the Boylston street tunnel, which is at present under construction, is completed.

It is said that Harvard has what is probably the finest collection of charts in the world showing the absolute injurious effects of liquor even in small quantities.

The Course II. Sophs are having a merry time with the Jolly Balance and the Joy Valve.

WRESTLERS TO MEET THE HARVARD TEAM

**Tech Men Will Go to Cambridge
Friday Night For Their
Fourth Meet.**

Technology's wrestlers meet those of Harvard at the Hemenway Gymnasium on Friday evening of this week. This is the fourth meet that the Tech men have entered, having been defeated by the Salem Y. M. C. A. and Boston Y. M. C. U. teams, and having won the contest with Brown at Providence. Each of the men that engage against Harvard has been in all of the previous meets of the team.

Five bouts will occur: in the 125-pound, 135-pound, 145-pound classes, and in the middle and heavy weights. Manager Means, the lightest man on the team, will meet H. D. Goodfriend on the mat. Captain Smythe-Martin will clash with E. W. Oddie in the 135-pound match. The third contest will find Blodgett and P. R. Holbert trying a fall. Treat, in the middle weight class, will clash with R. M. Page, and Crowell, the heavy Freshman, will wrestle with the Harvard Freshman, A. Weatherhead, in the heavy weight bout of the evening.

MASONIC DINNER.

**Masons Will Probably Form
New Club.**

The Masonic dinner, which takes place in the upper dining room of the Union tonight, at 6.20 o'clock, will bring together formally for the first time the Masons at the Institute, and will doubtless lead to the formation of another club to further the social interests of Technology.

The interest which was shown at the meeting held some time ago was most gratifying to the men who conceived the idea, and it is hoped by all interested that a goodly number will be present at the dinner.

The musical clubs of the University of Maine are making an extended tour of the towns around Boston this week.

NEW SCHOOL OF MINES.

The Oregon Agricultural College has started the erection of a school of mines, which will be complete in every respect. The mining building is to be three stories, with a basement. The lower part of the building will contain a large crushing and sampling room, a ceramics laboratory and the necessary offices and store-rooms. On the first floor will be the assay room and testing laboratory. The upper floors will be occupied with class and lecture rooms, the bureau of mines laboratory and drafting rooms. The museum and mineralogy rooms will be on the third floor.

CALENDAR.

In Charge of S. H. Taylor, 1914.

Thursday, April 4.

Masonic Dinner—Union. Time later.

4.15—Orchestra Rehearsal—Union.

Friday, April 5.

6.30—T. C. A. Dinner—Union.

Saturday, April 6.

2.35—Hare and Hound Club, '14-'15 Race—Back Bay.

Freshman-Sophomore Cross-Country.
Freshman-Sophomore Track Meet.

THE TECH

Published daily, except Sunday, during the college year by students of the Massachusetts Institute of Technology.

Entered as second-class matter, Sept. 15, 1911, at the postoffice at Boston, Mass., under the act of Congress of March 3, 1879.

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Phone—Back Bay 5527 or 2180.
Night Phone—Back Bay 5527.

Subscriptions, \$2.00 per year, in advance.
Single copies, 2 cents.

Subscriptions within the Boston Post District and outside of the United States must be accompanied by postage at the rate of one cent a copy.

All communications should be addressed to the proper departments.

Printed by Rutter, 147 Columbus Ave.

THURSDAY, APRIL 4, 1912

IN CHARGE OF ISSUES.

Friday Editor—F. C. Foote, 1915.
Assistants—L. H. Graham, 1914; L. H. Chellman, 1915.

TRIPS.

The advantages which pertain to a tour like that which the Civil Engineering Society is at present conducting are many and varied, and the wonder is that more Institute societies before this have not thought of the scheme and taken these trips.

Besides the opportunities given for seeing the very latest in construction and design, and the most advanced methods of water conservation, a chance is given to each man to see what sort of problems he will be up against when he gets out of school—problems that will tax his ingenuity, his general knowledge, and finally his honesty.

We are afraid that many of us in the Institute have the idea after spending four years in the school and being lucky enough to win our diplomas, that we are eventually turned out full blown engineers. Any man that has an idea like that had better get rid of it, because if he does not, it will soon get rid of him.

Our training in Technology is only what it can be in any great engineering institution, the learning of the primary precepts of the profession, the solving of certain elementary problems and the knowledge of methods of attacking problems when they do arise.

We claim, then, that besides the practical good a tour does, there is also a certain moral good, an awakening of the fact that there is still much to be learned in the profession, and this must necessarily act as a stimulus to the student.

In the mechanical laboratories of the University of Illinois the machine shop is being placed on a commercial basis. The plant is manufacturing a two-cylinder gas engine, the castings being made in the university foundry, and machined and completely assembled in the machine shops. By means of time schedules and a thorough system of book-keeping, exact costs will be calculated and tabulated. The men are given an opportunity to make each part of the engine, for they are transferred from one job to another frequently.

SPIKES

The Yale wrestlers will continue practice out of doors after the Easter vacation.

Who will put the shot for the Sophomores?

The baseball teams in the South are still troubled with rain and floods.

Captain Marble and W. Taber are doing some record-breaking running at Brown.

The Freshman class has three promising distance men in Hill, Best and Lovell.

The Dartmouth track men have already hit a mid-season pace. Their new Gym helps the track team along a lot. Three records have been broken during the past season.

It is a sad state of affairs when there are men who are trying to practice the pole vault at the Field with no veteran to show them the fine points. These men are Freshmen, too.

Arthur Howe has been appointed head coach of the Yale football team for next year. Howe was captain of last year's team, playing quarterback. E. W. McDevitt and J. W. Scully will be the assistant coaches. Both these men played on the team last year.

The names and positions of eleven college hockey captains have been compiled by the Record and are listed below. No other captains of the more important college teams have as yet been elected. Of this number, seven play on the forward line, three are cover points, and one is at goal.

- Amherst—Wilcox, forward.
- Columbia—Bates, rover.
- Cornell—Scheu, cover point.
- M. A. C.—Hutchinson, center.
- M. I. T.—Ranney, goal.
- Princeton—Baker, forward.
- S. T. S.—Cochran, cover point.
- Trinity—Burgwin, rover.
- West Point—Viner, forward.
- Williams—Michael, cover point.
- Yale—Harman, center.

MISSISSIPPI RISES.

The Mississippi Valley is threatened with one of the worst floods in many years. The weather bureau predicts that the water will continue to rise for five days and that the country will be flooded for three weeks. The levees have already given away in several places, and many towns are twenty feet under water. The main embankments near the large cities have as yet remained intact, but they may give away at any moment. They are in better condition than they have been for a long time, and this may avert more serious damage. The sewers are stopped up by back water and is flowing through the streets.

An Illinois Central locomotive that was sent out to test the tracks at Fulton, Ky., fell through a 50-foot crevasse and three men were drowned. Twenty lives have already been lost in the floods.

The government engineers are working their hardest to strengthen the levees. At Cairo a five-foot embankment has been raised over the levee, and this has kept the water out of the town so far. If the work can be completed before the flood raises a foot and a half more it is believed that the attacks of the water can be beaten off. Breaks in the embankments further up the river have relieved the pressure a little.

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FRESHMEN PLAY FIRST GAME ON SATURDAY

Bad Weather Has Prevented
Much Practice, and Team Is
in Poor Shape.

In the Freshman baseball meeting yesterday the players decided that, in spite of the lack of practice, the game with Medford on Saturday would be played as scheduled. As the lateness of dismissal from drill prevented their working at the Field, the men were asked to do a little irregular practice at the oval after the two-hour period at the Armory. This afternoon there will be some of the same work in front of the Lowell Building, and regular practice at the Field Friday.

The arrangements for the substitution of Thursday in place of Wednesday as a day for Freshman practice at the Field have not yet been completed. The players will be allowed one cut a week if the cut is occasioned by the fact that weather prevents practice on the regular day.

NATURE PHOTOGRAPHS.

Charming National Park Scenes
Shown in Public Library.

The collection of national park photographs exhibited by the Department of the Interior of the United States in the exhibition room of the Boston Public Library is one well calculated to convey an impression of the vastness and monumental grandeur of the national beauty spots of this country. The exhibit comprises a number of large photographs taken by various noted back-to-nature enthusiasts, and some of the pictures have been colored in oils with remarkable taste under the direct supervision of the photographer.

Included in this most interesting photographic reproduction of famous beauty spots of the United States are the Mammoth Hot Springs of the Yellowstone National Park, the Cascades of the Firehole River, the Great Falls of the Yellowstone River, a marvelously beautiful scene; the Golden Gate, Yellowstone Lake, the various rapids of the Yellowstone reservation, and the Obsidian Cliff. Among the photographs of the Glacier National Park are Lake McDonald, Fusilade Mountain, Iceberg Lake and Trick Falls, a most charming cascade. The Mesa Verde National Park, the Natural Bridges National Monument, the Yosemite National Park, the Sequoia National Park, the General Grant National Park, the Crater Lake National Park, and the Mount Ranier National Park are represented with characteristic photographs.

The exhibition will continue for about two weeks, and a visit will convey to the Easterner a hint as to the scale of the beauties of nature to be found in the West.

UNION GETS PICTURE.

Mr. J. Scott MacNutt, '08, of Orange, New Jersey, has presented a picture to the Union. Mr. MacNutt is the health officer of Orange. The picture was given through Professor Sedgwick. It depicts a troop of steel-clad knights, mounted on beautiful horses, drawn up at attention on a hill overlooking a walled town. The picture is now at the Cage and will be hung in the Union soon.

The Henly, the latest addition to the United States Navy torpedo destroyer, is to be launched tomorrow. The new boat has some unique features, in that it is equipped with two sets of engines; the one, turbine, and the other, reciprocating. As far as is known the Henly is the only boat ever launched carrying two distinct types of propulsion.

The new baseball park near the Park Riding School is attracting much attention.

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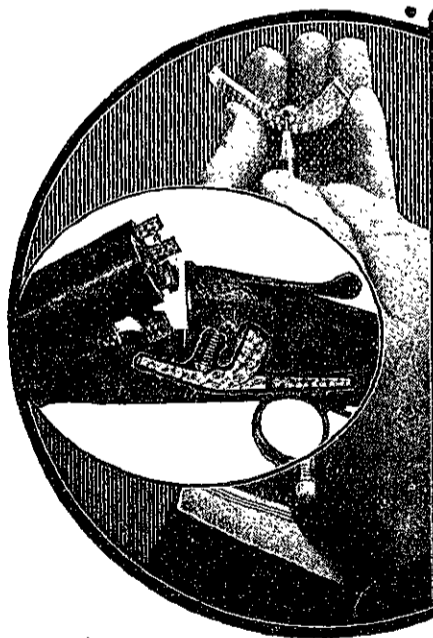
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THE EXERCISES of the Institute will be suspended on Tuesday, April 16, after 12 o'clock, M., and during the remaining days of the week. A. L. Merrill, Secretary.

BUSINESS BOARD MEETING. There will be a meeting of all men connected with the Business Department of THE TECH on Friday, April 5, at 5 o'clock. (139-3t)

THEATRE AND OPERA TICKETS, TAILOR, PHOTOGRAPH AND FLORIST trade for sale. See the Business Manager of THE TECH and buy good articles at cut prices.

LOST—Technique, 1913, sign-up slips, numbered from 1433 to 1440, inclusive. If found please return to the Technique office at the Union. If these slips are not returned they will not be honored. (135-6t)

SPRING CONCERT TICKETS at Union from 1 to 2. (138-5t)

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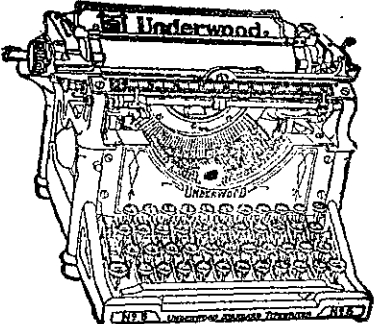
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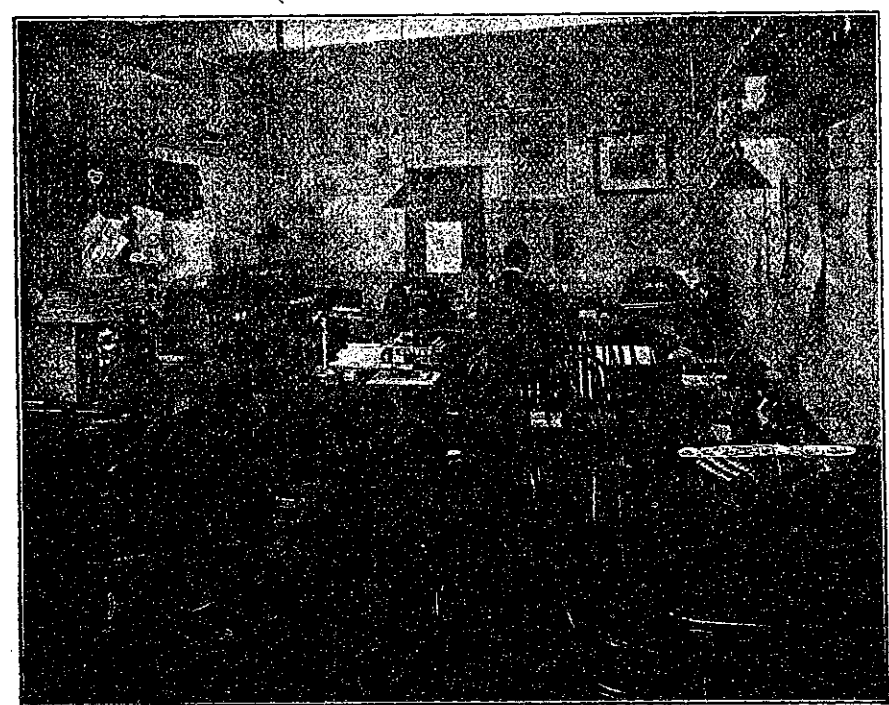
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Make a date with Estabrook, the Oliver Man, in THE TECH office any time it's convenient for you.